

AMENDMENTS TO THE CLAIMS

46. (Currently Amended) A digital video signal playback device for reproducing digital video information from an optical disk, said device comprising:

disk rotation ~~means-unit~~ for rotating said optical disk, said optical disk storing digital video information that includes I-picture data for intra-frame coded pictures, P-picture data for predictive coded pictures, and B-picture data for bi-directionally predictive coded pictures, said digital video information being arranged in a plurality of variable length image data blocks each of which includes data for a sequence of I-, P-, and B-pictures;

~~data rate-size~~ information storing ~~means-unit~~ for storing data ~~rate-size~~ information for said optical disk;

~~counting means for counting a number of image data blocks to calculate a position of desired video information~~ calculating unit for calculating a position of desired video information on said optical disk based upon said data size information and a number of image data blocks; and

an optical head for emitting light onto a portion of said optical disk in accordance with the calculated position of desired video information and detecting light reflected from said optical disk to generate a playback signal that is used to reproduce said desired video information from said optical disk.

47. (Currently Amended) The digital video signal playback device according to claim 46, wherein

    said data ~~rate-size~~ information indicates the data ~~rate-size~~ of a plurality of said image data blocks, and  
    the position of said desired video information is calculated in accordance with said data ~~rate-size~~ information.

48. (Currently Amended) A method of reproducing digital video information from an optical disk, said method comprising:

    rotating said optical disk, said optical disk storing digital video information that includes I-picture data for intra-frame coded pictures, P-picture data for predictive coded pictures, and B-picture data for bi-directionally predictive coded pictures, said digital video information being arranged in a plurality of variable length image data blocks each of which includes data for a sequence of I-, P-, and B-pictures;

    storing data ~~rate-size~~ information for said optical disk;  
    ~~counting a number of image data blocks to calculate~~ calculating unit for calculating a position of desired video information on said optical disk based upon said data size information and a number of image data blocks;

emitting light onto a portion of said optical disk in accordance the calculated position of desired video information; and

detecting light reflected from said optical disk to generate a playback signal that is used to reproduce the desired video information.

49. (Currently Amended) The method according to claim 48, wherein

    said data rate-size information indicates the data rate-size of a plurality of said image data blocks, and  
    the position of said desired video information is calculated in accordance with said data rate-size information.